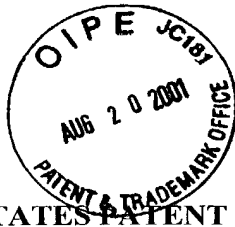


Docket No.: 43890-510

PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Atsushi TANAKA, et al.

Serial No.: 09/843,032

Filed: April 27, 2001

For: WIRELESS DISPLAY SYSTEM, METHOD AND COMPUTER PROGRAM MEDIA  
THEREFOR

:  
:  
:  
:  
: Group Art Unit:  
:  
: Examiner:  
:

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, DC 20231

Sir:

Prior to examination of the above-referenced application, please amend the application as follows:

**IN THE SPECIFICATION:**

Please replace the paragraph beginning at page 16, line 15, with the following rewritten paragraph:

--In Fig. 11, a PC main body 1101 corresponds to the data processing device, and a display 1102, to the image display device. An LCD panel 1103 is display means, a touch panel 1104 and an operation button 1105 are input means, and a GPS receiver 1106 is data input and output means. In Fig. 11, the GPS receiver 1106 is connected to the display 1102 through a cable, but it may be also incorporated in the display 1102.--

**IN THE CLAIMS:**

Please delete the second claim 5.

Please amend claims 4-7 to read as follows:

4. (Amended) The wireless display system of claim 2,  
wherein said image display device further comprises display means for displaying the image and operating means to be operated by the user, and said power saving control means sets said display means and operating means in power saving state in the first power saving mode.

5. (Amended) The wireless display system of claim 1,  
wherein said wireless communication means comprises means for measuring the communication rate of all data including the image data transmitted from the data processing device and displayed in the image display device, and the communication rate of the wireless communication is controlled by decimating the updating of the image data at specific intervals when the communication rate exceeds a certain rate of the effective communication rate of the wireless communication.

6. (Amended) The wireless display system of claim 1,  
wherein said input and output means is a universal serial communication interface.

7. (Amended) The wireless display system of claim 1,  
wherein said data input and output means is at least one of barcode reader, tester, digital camera, card reader, scanner, and GPS.

Please add new claims 10-19 as follows:

10. The wireless display system of claim 3,  
wherein said image display device further comprises display means for displaying the image and operating means to be operated by the user, and said power saving control means sets said display means and operating means in power saving state in the first power saving mode.

11. The wireless display system of claim 2,  
wherein said wireless communication means comprises means for measuring the communication rate of all data including the image data transmitted from the data processing device and displayed in the image display device, and the communication rate of the wireless communication is controlled by decimating the updating of the image data at specific intervals when the communication rate exceeds a certain rate of the effective communication rate of the wireless communication.

12. The wireless display system of claim 3,  
wherein said wireless communication means comprises means for measuring the communication rate of all data including the image data transmitted from the data processing device and displayed in the image display device, and the communication rate of the wireless communication is controlled by decimating the updating of the image data at specific intervals when the communication rate exceeds a certain rate of the effective communication rate of the wireless communication.

13. The wireless display system of claim 1,  
 wherein the data from said data input and output means is used for connection  
 verification in wireless connection between the data processing device and image display device,  
 or for user authentication in the data processing device.

14. The wireless display system of claim 2,  
 wherein the data from said data input and output means is used for connection  
 verification in wireless connection between the data processing device and image display device,  
 or for user authentication in the data processing device.

15. The wireless display system of claim 3,  
 wherein the data from said data input and output means is used for  
 connection verification in wireless connection between the data processing device and image  
 display device, or for user authentication in the data processing device.

16. The wireless display system of claim 2,  
 wherein said input and output means is a universal serial  
 communication interface.

17. The wireless display system of claim 3  
 wherein said input and output means is a universal serial  
 communication interface.

18. The wireless display system of claim 2,  
 wherein said data input and output means is at least one of  
 barcode reader, tester, digital camera, card reader, scanner, and GPS.

19. The wireless display system of claim 3,  
wherein said data input and output means is at least one of  
barcode reader, tester, digital camera, card reader, scanner, and GPS.

**REMARKS**

The above-referenced application is being amended to delete the multiple dependency of claims 4-7 to avoid the multiple dependent claim filing fee and to add new claims 10-19. In addition, duplicate claim 5 is has be eliminated, and replaced with new claims 13-15. Attached is a marked-up version of the claims as amended. Entry of this preliminary amendment is respectfully requested.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



Michael E. Fogarty  
Registration No. 36,139

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
(202) 756-8000 MEF:prp  
**Date: August 20, 2001**  
Facsimile: (202) 756-8087



**MARKED-UP VERSION OF AMENDMENTS**

**IN THE SPECIFICATION:**

Paragraph at line 15, page 16 has been amended as follows:

In Fig. 11, a PC main body 1101 corresponds to the data processing device, and a display 1102, to the image display device. An LCD panel 1103 is display means, a touch panel 1104 and an operation button 1105 are input means, and a GPS receiver 1106 is data input and output means. In Fig. 11, the GPS receiver 1106 is connected to the display 1102 through a cable, but it may be also incorporated in the display [1106] 1102.

**IN THE CLAIMS:**

The second Claim 5 has been deleted.

Claims 4-7 have been amended as follows:

4. The wireless display system of claim 2 [or 3],

wherein said image display device further comprises display means for displaying the image and operating means to be operated by the user, and said power saving control means sets said display means and operating means in power saving state in the first power saving mode.

5. The wireless display system of claim 1, [2 or 3,]

wherein said wireless communication means comprises means for measuring the communication rate of all data including the image data transmitted from the data processing device and displayed in the image display device, and the communication rate of the wireless communication is controlled by decimating the updating of the image data at specific intervals when the communication rate exceeds a certain rate of the effective communication rate of the

wireless communication.

6. The wireless display system of claim 1, [2 or 3,]

wherein said input and output means is universal serial communication interface.

7. The wireless display system of claim 1, [2 or 3,]

wherein said data input and output means is at least one of barcode reader, tester, digital cameral , card reader, scanner, and GPS.

New Claims 10-19 have been added as follows:

10. The wireless display system of claim 3,

wherein said image display device further comprises display means for displaying the image and operating means to be operated by the user, and said power saving control means sets said display means and operating means in power saving state in the first power saving mode.

11. The wireless display system of claim 2,

wherein said wireless communication means comprises means for measuring the communication rate of all data including the image data transmitted from the data processing device and displayed in the image display device, and the communication rate of the wireless communication is controlled by decimating the updating of the image data at specific intervals when the communication rate exceeds a certain rate of the effective communication rate of the wireless communication.

12. The wireless display system of claim 3,

wherein said wireless communication means comprises means for measuring the communication rate of all data including the image data transmitted from the data processing device and displayed in the image display device, and the communication rate of the wireless communication is controlled by decimating the updating of the image data at specific intervals when the communication rate exceeds a certain rate of the effective communication rate of the wireless communication.

13. The wireless display system of claim 1,

wherein, the data from said data input and output means is used for connection verification in wireless connection between the data processing device and image display device, or for user authentication in the data processing device.

14. The wireless display system of claim 2,

wherein, the data from said data input and output means is used for connection verification in wireless connection between the data processing device and image display device, or for user authentication in the data processing device.

15. The wireless display system of claim 3,

wherein, the data from said data input and output means is used for connection verification in wireless connection between the data processing device and image display device, or for user authentication in the data processing device.



16. The wireless display system of claim 2,  
wherein said input and output means is universal serial  
communication interface.

17. The wireless display system of claim 3  
wherein said input and output means is universal serial  
communication interface.

18. The wireless display system of claim 2,  
wherein said data input and output means is at least one of  
barcode reader, tester, digital cameral , card reader, scanner, and GPS.

19. The wireless display system of claim 3,  
wherein said data input and output means is at least one of  
barcode reader, tester, digital cameral , card reader, scanner, and GPS.